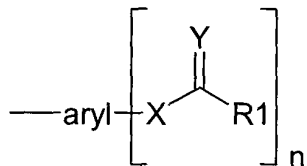


1. A conjugate, which comprises a molecule to be transported and at least one aryl radical of the formula I,



(I)

wherein

aryl is a group which contains at least one ring having an aromatic character;

X is O or N;

Y is O, S or NH-R²;

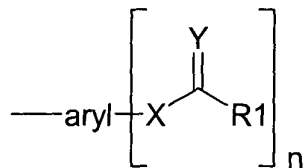
R¹ is a substituted or unsubstituted C₁-C₂₃ alkyl radical, which is straight-chain or branched and may contain double and/or triple bonds;

R² is a substituted or unsubstituted C₁-C₁₈ alkyl radical which is straight-chain or branched and may contain double and/or triple bonds; and

n is an integer greater than or equal to 1,

wherein the aryl radical is attached to the molecule to be transported either directly via a chemical bond or indirectly via a chemical group, wherein the chemical group is not a CH₂-S group if the attachment is through an internucleotide phosphodiester bond of the molecule to be transported.

8. (Amended) A conjugate, which comprises a molecule to be transported and at least one aryl radical of the formula I,



(I)

wherein

aryl is a group which contains at least one ring having an aromatic character;

X is O or N;

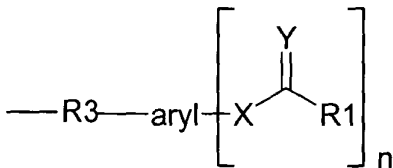
Y is O, S or NH-R²;

R¹ is a substituted or unsubstituted C₁-C₂₃ alkyl radical, which is straight-chain or branched and may contain double and/or triple bonds;

R² is a substituted or unsubstituted C₁-C₁₈ alkyl radical which is straight-chain or branched and may contain double and/or triple bonds; and

n is an integer greater than or equal to 1,

wherein the aryl radical is attached to the molecule to be transported via a chemical group, and wherein the chemical group together with the aryl radical has the formula II



(II)

where aryl, X, Y and R¹ are as defined above and

R³ is a carbonyl or thioamide group.